

Title (en)
BEARING UNIT

Title (de)
LAGERBAUGRUPPE

Title (fr)
ENSEMBLE-PALIER

Publication
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Application
EP 93907757 A 19930326

Priority
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Abstract (en)
[origin: US5395172A] Bearing assembly (11) for mounting a bearing journal (2) of a rotatable roll (1). The bearing journal (2) is supported by a spherical bearing element (2a) in a bearing housing (5). The bearing journal (2) is fixed in the direction of the longitudinal axis (L) of the bearing assembly (11) in the bearing housing (5). The bearing housing (5) is connected with the aid of axial guide elements to a base (10), which is fastened on a framework (15) or foundation (or on a swivel lever). The axial guide elements are guide rods (12a, 12b) which are parallel to the longitudinal axis (L) and which engage in the bearing housing (5) and in the base (10). The one guide rod (12b) is displaceable transversely to its axis, so that the bearing housing (5) can expand transversely to the longitudinal axis (L) relative to the base (10).

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Citation (examination)
• US 1825293 A 19310929 - DERHOEF GEORGE N VAN
• EP 0232011 A1 19870812 - SKF SOUTH AFRICA [ZA]
• US 4302062 A 19811124 - HUNTER JR ALEXANDER D, et al
• DE 933184 C 19550922 - BABCOCK & WILCOX DAMPFKESSEL
• WO 9217641 A1 19921015 - VOITH GMBH J M [DE]

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